

L16 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1999:810714 CAPLUS
DN 132:70828
TI A new surface-enhanced Raman scattering substrate based on silver nanoparticles in sol-gel
AU Volkan, M.; Stokes, D. L.; Vo-Dinh, T.
CS Advanced Monitoring Development Group, Oak Ridge National Laboratory, Oak Ridge, TN, 37831-6101, USA
SO Journal of Raman Spectroscopy (1999), 30(12), 1057-1065
CODEN: JRSPAF; ISSN: 0377-0486
PB John Wiley & Sons Ltd.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1998:668464 CAPLUS
DN 129:292735
TI On the use of SNMS for the manufacture control of Ag colloid containing sol-gel films on glass
AU Bock, W.; Kutsch, B.; Kopnarski, M.; Oechsner, H.
CS Institute Surface Thin Film Analysis IFOS, University Kaiserslautern, Kaiserslautern, D-67663, Germany
SO Materials Science Forum (1998), 287-288(Trends and New Applications of Thin Films), 407-410
CODEN: MSFOEP; ISSN: 0255-5476
PB Trans Tech Publications Ltd.
DT Journal
LA English

L16 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1997:754991 CAPLUS
DN 128:29248
TI Electric properties of Pb(Zr0.52Ti0.48)O3 thin films prepared by sol-gel processing
AU Paik, Dong Soo; Shin, Hyun Yong; Choi, Hyung Wook; Park, Yong Wook; Yoon, Seok Jin; Park, Chang Yub
CS Department Electrical Engineering, Yonsei University, Seoul, 120, S. Korea
SO Ferroelectrics (1997), 200(1-4), 185-195
CODEN: FEROA8; ISSN: 0015-0193
PB Gordon & Breach Science Publishers
DT Journal
LA English

L16 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1997:654266 CAPLUS
DN 127:338673
TI Silver-doped sol-gel films as the substrate for surface-enhanced Raman scattering
AU Lee, Yuan-Hsiang; Dai, Sheng; Young, Jack P.
CS Chemical and Analytical Sciences Division, Oak Ridge National Laboratory, Oak Ridge, TN, 37831-6142, USA
SO Journal of Raman Spectroscopy (1997), 28(8), 635-639
CODEN: JRSPAF; ISSN: 0377-0486
PB Wiley
DT Journal
LA English

L16 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1997:611922 CAPLUS

DN 127:300888
TI Enhancement of second-order harmonic generation in polarized BaTiO₃ thin films embedded with Ag nanoparticles
AU Zhou, Ji; Li, Longtu; Gui, Zhilun; Zhang, Xiaowen; Moulding, K. M.; Barber, D. J.
CS Department Materials Science Engineering, Tsinghua University, Beijing, 100084, Peop. Rep. China
SO Chinese Science Bulletin (1997), 42(15), 1319-1320
CODEN: CSBUEF; ISSN: 1001-6538
PB Science Press
DT Journal
LA English

L16 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1996:184544 CAPLUS
DN 124:203648
TI Electrochemical Growth of Polyaniline in Porous Sol-Gel Films
AU Verghese, M. M.; Ramanathan, Kumaran; Ashraf, S. M.; Kamalasan, M. N.; Malhotra, B. D.
CS Biomolecular Electronics and Conducting Polymer Research Group, National Physical Laboratory, New Delhi, 110 012, India
SO Chemistry of Materials (1996), 8(4), 822-4
CODEN: CMATEX; ISSN: 0897-4756
PB American Chemical Society
DT Journal
LA English

L16 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1995:624900 CAPLUS
DN 123:243827
TI Effect of top metalization on the fatigue and retention properties of sol-gel PZT thin films
AU Teowee, G.; Baertlein, C. D.; Kneer, E. A.; Boulton, J. M.; Uhlmann, D. R.
CS Donnelly Corp., Tucson, AZ, 85712, USA
SO Integrated Ferroelectrics (1995), 7(1-4), 149-60
CODEN: IFEREU; ISSN: 1058-4587
DT Journal
LA English

L16 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2003 ACS
AN 1995:423883 CAPLUS
DN 122:271838
TI Methyltriethoxysilane-derived sol-gel coatings doped with silver metal particles

L16 ANSWER 20 OF 20 NTIS COPYRIGHT 2003 NTIS
AN 1988(19):01873 NTIS Order Number: DE88011492/XAB
TI Planarization of Metal Substrates for Solar Mirrors.
AU Ashley, C. S.; Reed, S. T.; Mahoney, A. R.
CS Sandia National Labs., Albuquerque, NM.
Sponsor: Department of Energy, Washington, DC. (068123000 9511100)
NR DE88011492/XAB; SAND-88-0234C, CONF-8804114-4
4p; 1988
NC Contract(s): AC04-76DP00789
DT Report
CY United States
LA English
NTE Better ceramics through chemistry III, Reno, NV, USA, 5 Apr 1988.
AV Portions of this document are illegible in microfiche products. Order
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=> s 12
7 FILES SEARCHED...
L13 471 L2

=> s 13
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7 FILES SEARCHED...
L14 0 L3

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FIELD CODE - 'AND' OPERATOR ASSUMED 'HEAT)(P) DISTORTIO'
7 FILES SEARCHED...
L15 14 L13 AND L4

=> d 1-14

L15 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2003 ACS
AN 2002:786341 CAPLUS
DN 137:375727
TI Respective efficiencies of nuclear collisions and electronic excitations
for precipitating Ag clusters in sol-gel films
AU Pivin, J. C.
CS IN2P3-CNRS, CSNSM, Orsay Campus, F-91405, Fr.
SO Nuclear Instruments & Methods in Physics Research, Section B: Beam
Interactions with Materials and Atoms (2002), 195(3-4), 302-308
CODEN: NIMBEU; ISSN: 0168-583X
PB Elsevier Science B.V.
DT Journal
LA English
RE:CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2003 ACS
AN 2002:613678 CAPLUS
TI Silver-doped sol-gel film
developed by molecular recognition for detection of radionuclides by
surface enhanced raman spectroscopy
AU Bao, Lili; Mahurin, Shannon; Dai, Sheng
CS Chemical Science Division, Oak Ridge National Laboratory, Oak Ridge, TN,
37831-2008, USA
SO Abstracts of Papers, 224th ACS National Meeting, Boston, MA, United
States, August 18-22, 2002 (2002), ANYL-163 Publisher: American Chemical
Society, Washington, D. C.
CODEN: 69CZPZ
DT Conference; Meeting Abstract
LA English

L15 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2003 ACS
AN 2002:254604 CAPLUS
DN 136:393983
TI Synthesis and interface structure of sol gel YBa₂Cu₃O_x thin films for
conductor development
AU Shi, Donglu; Xu, Yongli; Wang, S. X.; Wang, L. M.; McClellan, Shaun M.
CS Department of Materials Science and Engineering, University of Cincinnati,
Cincinnati, OH, 45221-0012, USA
SO Materials Research Society Symposium Proceedings (2001),
659(High-Temperature Superconductors--Crystal Chemistry, Processing and

Properties), II6.4/1-II6.4/6
CODEN: MRSPDH; ISSN: 0272-9172

PB Materials Research Society

DT Journal

LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD